OIPE

RAW SEQUENCE LISTING DATE: 01/15/2002 PATENT APPLICATION: US/09/990,046 TIME: 18:55:44

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Output Set: N:\CRF3\01152002\I990046.raw

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1 <110> APPLICANT: de Sauvage, Frederic
        Carpenter, David A.
3 <120> TITLE OF INVENTION: Patched-2
4 <130> FILE REFERENCE: P1405R1
5 <140> CURRENT APPLICATION NUMBER: US/09/990,046
6 <141> CURRENT FILING DATE: 2001-11-20
7 <150> PRIOR APPLICATION NUMBER: EARLIER APPLICATION NUMBER: 09/293,505
8 <151> PRIOR FILING DATE: EARLIER FILING DATE: 1999-04-15
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DATE: 01/15/2002

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## RAW SEQUENCE LISTING

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Input Set : N:\Crf3\RULE60\09990046.raw
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Input Set : N:\Crf3\RULE60\09990046.raw
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104	_ 1	Pro	• • • •	•	5 mb	* 1 a	7 l a	Dro	Cln		LOU	λla	Gly	Ser	
105	Pro	Pro	Ala	Arg		Ala	Ala	PIO	GIII	25	пец	Alu	GLY	JCI	30
106	_	Ala	5	T	20	T 0.11	7 × ~	א ז ה	Фттх		Gln	Glv	T.011	T.em	
107	Lys	Ala	Pro	Leu		Leu	AIG	на	тут	40	GIII	OTY	LCu	ЦСС	45
108		Leu	<b>a</b> 1	O	35	т10	Cln	λκα	Uic		Glv	Lvs	Va1	Len	
109	ser	Leu	GIY	Cys	50	116	GIII	лгу	1113	55	GII	275	,		60
110	T	Gly	T 011	T OU		Dho	Glv	Δla	T.e.11		Len	Glv	Leu	Ara	
111	Leu	СТА	ьeu	Leu	65	rne	GLY	AIU	пса	70	Lou	011		5	75
112	7. l -	Ile	T10	Clu		Δcn	Len	Glu	Gln		Trp	Val	Glu	Val	Gly
113	АІа	TTE	116	GIU	80	AJII	LCu	014	01	85	1	,			90
114	Cor	Arg	Wal	Sar		Glu	T.eu	His	Tvr		Lvs	Glu	Lvs	Leu	Gly
115	SET	AIG	VUI	DCI	95	014	200		- 1 -	100	1		•		105
116 117	Glu	Glu	Δla	Δla		Thr	Ser	Gln	Met		Ile	Gln	Thr	Ala	Arg
118	Giu	Olu	mu	1114	110					115					120
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121	Len	Gln	Ala	Ala		Thr	Ala	Ser	Lys	Val	Gln	Val	Ser	Leu	Tyr
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123	Glv	Lys	Ser	Trp	Asp	Leu	Asn	Lys	Ile	Cys	Tyr	Lys	Ser	Gly	Val
124	_	_			155					160					165
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126					170					175					180
127	Phe	Pro	Cys	Val	Ile	Leu	Thr	Pro	Leu	Asp	Cys	Phe	${\tt Trp}$	Glu	Gly
128					185					190		_		_	195
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131	Ile	Gln	${\tt Trp}$	Thr		Leu	Asp	Pro	Glu		Leu	Leu	GIU	GIU	225
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133	Gly	Pro	Phe	Ala		Leu	GIu	GIY	Pne		GIU	Leu	Leu	ASP	цуS 240
134				<b>a</b> 1	230	. 1 -		3703	C1.	235	Dro	Cve	Τ.Δ11	Нic	
135	Ala	Gln	vaı	GIY		Ala	туг	Val	СТУ	250		Суз	пеа	1113	255
136		•	T	TT 6 -	245	Dwo	Dro	cor	λl a			Hic	Hic	Ser	
137	Asp	Asp	Leu	HIS		Pro	PIO	ser	Ата	265		1115	1113	DCI	270
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144	Lou	Gln	Sar	Thr			Len	Met	Ser			Gln	Leu	Tyr	
145	ьеu	GIII	SET	1111	320					325				4	330
146 147	иic	Phe	Ara	Glv			Gln	Thr	His			Gly	Trp	Ser	
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DATE: 01/15/2002 TIME: 18:55:44 PATENT APPLICATION: US/09/990,046

Input Set : N:\Crf3\RULE60\09990046.raw Output Set: N:\CRF3\01152002\1990046.raw

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149	Glu	Gln	Ala	Ser		Val	Leu	Gln	Ala		GIN	Arg	Arg	Pne	val
150					350			_	~ 1	355	. 1 .	<b>G</b>	<b>a</b> 1 =	<b>01</b> n	360 Tlo
151	Gln	Leu	Ala	Gln		Ala	Leu	Pro	GIu		Ala	ser	Gln	GIII	275
152					365		_			370	<b>*</b> 7	_	TT 2 =	3 l =	375
153	His	Ala	Phe	Ser		Thr	Thr	Leu	Asp		He	Leu	His	Ala	Pne
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156					395					400		_	_		405
157	Leu	Ala	Tyr	Ala	Cys	Val	Thr	Met	Leu		Trp	Asp	Cys	Ата	GIN
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162					440					445			_	_	450
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164					455					460				_	465
165	Ile	Gly	Val	Asp	Asp	Val	Phe	Leu	Leu	Ala	His	Ala	Phe	Thr	Glu
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167	Ala	Leu	Pro	Gly	Thr	Pro	Leu	Gln	Glu		Met	Gly	Glu	Cys	Leu
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169	Gln	Arg	Thr	Gly	Thr	Ser	Val	Val	Leu		Ser	Ile	Asn	Asn	Met
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171	Ala	Ala	Phe	Leu	Met	Ala	Ala	Leu	Val	Pro	Ile	Pro	Ala	Leu	Arg
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178					560					565			_		570
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193	Phe	Ala	Pro	Leu	Leu	Leu	Gln	Ser	His			Ala	Ile	Val	Leu
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195	Val	Leu	Phe	Gly	Ala	Leu	Leu	Gly	Leu			Tyr	Gly	Ala	Thr
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203	птэ	261	GIII	Arg	755	LCu	1 110			760		,			765
204	T	T	7 1 n	17 - 1	Leu	Dro	Dro	Dro	Δla		Gln	Ala	Pro	Arg	Thr
205	Leu	Lys	Ala	val		PIO	FIO	110	niu	775	0111			5	780
206	_	_		_	770	3	7.00	m××	T OU		Clv	т1 🗖	Gln	Δla	
207	Trp	Leu	His	Tyr	Tyr	Arg	ASII	ттЬ	ьeu	300	GIY	110	GIII	niu	795
208			_		785		_	<b>~</b> 1	3	790	mb ~	7 ~~	Hic	cor	
209	Phe	Asp	Gln	Asp	Trp	Ala	Ser	GLY	Arg		TILL	Arg	птъ	ser	Tyr
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211	Arg	Asn	Gly	Ser	Glu	Asp	Gly	Ala	Leu	Ala	Tyr	Lys	Leu	Leu	11e
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217	Phe	Tvr	Met.	Glv	Leu	Thr	Val	Trp	Val	Ser	Ser	Asp	Pro	Leu	Gly
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220	LOU	Uic	λen	T.vc	Tyr	Asn	Thr	Thr	Glv	Glu	Asn	Leu	Arg	Ile	Pro
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222	Dwo	7 J n	Cln	Dro	Leu	Glu	Dhe	Δla	Gln	-	Pro	Phe	Leu	Leu	Arq
223	Pro	Ala	GIII	PIO	905	Giu	rnc	niu	0111	910	220				915
224	- 1	_	<b>a</b> 1	T	Thr	715	7 an	Dho	V = 1		Δla	Tle	Glu	Glv	Ala
225	GLY	Leu	GIII	ьуѕ		Ата	ASP	FIIE	Val	925	niu	110	Oru	011	930
226		_	_		920	- 1		<b>01.</b>	<b>a</b> 1		C1**	17.5.1	uic	λΙэ	
227	Arg	Ala	Ala	Cys	Ala	GLU	Ата	GTA	GIII		СТУ	Val	птэ	ΑΙα	945
228					935	_			_	940	<b>a</b> 1	m	т	G1	
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231	Arg	Arg	Cys	Phe	Leu	Leu	Ala	Val	Cys	IIe	Leu	Leu	vaı	Cys	Thr
232					965					970		_	_,		975
233	Phe	Leu	Val	Cys	Ala	Leu	Leu	Leu	Leu			Trp	Thr	, ата	Gly
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235	Leu	Ile	Val	Leu	Val	Leu	Ala	Met	Met	. Thr	Val	Glu	Leu	Phe	Gly
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238			-		1010					1015					1020
239	Tle	Leu	Val	Ala	Ser	Val	Gly	Ile	Gly	val	Glu	Phe	Thr	` Val	His
240					1025		_		_	1030					1035
241	Val	Δla	T,em			Leu	Thr	Thr	Glr	Gly	Ser	Arq	Asn	Leu	Arg
	, u I	1114	Leu	1	1040	~				1045		_			1050
242	אן א	λla	ніс	Δla		Glu	His	Thr	Phe			Val	Thr	Asr	Gly
243	пта	ліа		u	1055					1060	)	_		-	1065
244	- ר מ	T1~	. co-	· ጥኮ~			Glv	. T.e.ii	ı T.en			Ala	Glv	, Ser	His
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VERIFICATION SUMMARY

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Input Set : N:\Crf3\RULE60\09990046.raw
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L:271 M:257 W: Feature value mis-spelled or invalid, <221> Name/Key for SEQ ID#:3
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L:278 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:3
L:279 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:3
L:279 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:3
L:304 M:257 W: Feature value mis-spelled or invalid, <221> Name/Key for SEQ ID#:5
L:317 M:257 W: Feature value mis-spelled or invalid, <221> Name/Key for SEQ ID#:6
L:321 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:6